

WF2XDQ Modification Description

Lockheed Martin is requesting a modification to include a SRC2401B “SR Hawk V2 Radar Set”, which will operate at a higher transmitter Peak Envelope Power (PEP) of 10W and Effective Radiated Power 40kW. The SRC-2362 “SR Hawk V1 Radar Set” will continue to operate at the lower power level, 2w PEP/10kW ERP.

The SR Hawk V2 antenna characteristics and emission designators are the same as the SR Hawk V1. This modification is requested to accommodate increased transmitter power of the updated Model SCR2401B radar.

The request to increase radar PEP and ERP is needed to verify and demonstrate enhancements of radar detection performance.